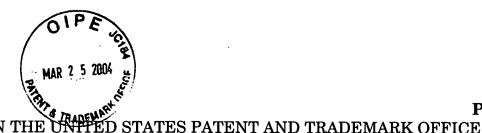


I-2-0276.1US

March 23, 2004





In the **PATENT APPLICATION** of:

Kim et al.

Application No.: 10/772,790

Filed:

Group:

February 5, 2004

For:

ADAPTIVE ALGORITHM FOR A CHOLESKY APPROXIMATION

OHOL

Not Yet Known

Examiner:

Not Yet Known

COMMUNICATION RE IPER BY IPEA/US IN CORRESPONDING INTERNATIONAL APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This communication is to advise the Examiner of the International Preliminary Examination Report (IPER) issued by the United States Patent and Trademark Office acting as International Preliminary Examination Authority on January 7, 2004. A copy of the IPER is enclosed.

Prompt examination and allowance are respectfully requested.

Respectfully submitted,

Our File:

Date:

(1,//

 $\mathbf{By}_{oldsymbol{-}}$

Jeffrey M. Glabicki

Registration No. 42,584

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

JMG/mak Enclosure

PATENT COOPERATION TREATY

RECEIVED

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

MAR 0 5 2004

To:

ANTHONY S. VOLPE
VOLPE AND KOENIG P.C.
UNITED PLAZA, SUITE 1600
30 SOUTH 17TH STREET
PHILADELPHIA, PA 19103

PCTVOLPE & KOENIG, P.C.

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing (day/month/year)

0.3 MAR 2004

Applicant's or agent's file reference

1-2-0276.1WO

IMPORTANT NOTIFICATION

International application No.

International filing date (day/month/year)

Priority date (day/month/year)

PCT/US03/15942

Applicant

19 May 2003 (19.05.2003)

22 May 2002 (22.05.2002)

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INTERDIGITALTECHNOLOGY CORPORATION

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's G side.

Name and mailing address of the IPEA/US

Mail Stop PCT, Attn: IPEA/US
Commissioner for Patents
P.O. Box 1450

, Alexandria, Virginia 22313-1450 ... Facsimile No. (703) 305-3230

Form PCT/IPEA/416 (July 1992)

Authorized officer

Telephon No. 785,872-930

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		Con Motification	Tin-1 - CV
1-2-0276.1WO	FOR FURTHER ACTION	Preliminary E	on of Transmittal of International xamination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/mon	uh/year)	Priority date (day/month/year)
PCT/US03/15942	19 May 2003 (19.05.2003)		22 May 2002 (22.05.2002)
International Patent Classification (IPC)	or national classification and IPC		
IPC(7): H04B 7/216 and US Cl.: 370/33	7		
Applicant			
INTERDIGITALTECHNOLOGY CORE	ORATION		
Examining Authority and i	nary examination report has been is transmitted to the applicant ac	ccording to Ar	ticle 36.
2. This REPORT consists of	a total of sheets, including	this cover shee	t.
which have been ame before this Authority These annexes consist of a	anded and are the basis for this respectively (see Rule 70.16 and Section 60 total ofsheets.	report and/or si 7 of the Admir	lescription, claims and/or drawings beets containing rectifications made nistrative Instructions under the PCT).
3. This report contains indica	tions relating to the following it	tems:	
I Basis of the repo	ort		
II Priority			
III Non-establishme	ent of report with regard to nove	elty, inventive	step and industrial applicability
IV Lack of unity of	invention		
V Reasoned statem	nent under Article 35(2) with reg	gard to novelty	, inventive step or industrial
applicability; cit	ations and explanations supporti	ing such statem	nent
VI Certain documer	nts cited		
VII Certain defects in	n the international application		
VIII Certain observat	ions on the international applica	ition	į
Date of submission of the demand	Date o	of completion o	of this report
05 December 2003 (05.12.2003)	ļ		-
		mary 2004 (04.0	, , , , , , , , , , , , , , , , , , ,
Name and mailing address of the IPEA/U Mail Stop PCT, Atta: IPEA/US	S Author:	ized officer	· Kosar
Commissioner for Patents P.O. Box 1450	Nhat I	>0 / KW	yenia juga
Alexandria, Virginia 223 13-1450 Facsimile No. (703) 305-3230	Telephr	one No. (703) 8	yenia Zogan 12-9306
form PCT/IPFA/400 (cover sheet)/hily 10	08)		

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/15942	

	D	
\vdash		s of the report
1.	With	regard to the elements of the international application:*
		the international application as originally filed.
	\bowtie	the description:
		pages 1-11 as originally filed
		pages NONE , filed with the demand
	~	pages NONE, filed with the letter of
	\boxtimes	the claims:
		pages 12-22 , as originally filed
		pages NONE , as amended (together with any statement) under Article 19
		pages NONE , filed with the demand
		pages NONE, filed with the letter of
	\boxtimes	the drawings:
		pages 1-2, as originally filed pages NONE, filed with the demand
		pages NONE, filed with the demand pages NONE, filed with the letter of
		the sequence listing part of the description:
		pages NONE, as originally filed
		pages NONE, filed with the demand pages NONE, filed with the letter of
2		
۷.	langr	regard to the language, all the elements marked above were available or furnished to this Authority in the
	Thes	age in which the international application was filed, unless otherwise indicated under this item. e elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	Щ	the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3.	With interr	regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
	Ш	filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
	, ,	furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
	_	the drawings, sheets/fig NONE
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
* #	Replac	ement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in
uus	героп	t as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). placement sheet containing such amendments must be referred to under item 1 and annexed to this report.

Form PCT/IPEA/409 (Box I) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Form PCT/IPEA/409 (Box V) (July 1998)

International application No. PCT/US03/15942

STATEMENT		
Novelty (N)	Claims 1-55	Y
·	Claims NONE	N
Inventive Step (IS)	Claims 1-55	Y
	Claims NONE	N
Industrial Applicability (IA)	Claims 1-55	Y
	Claims NONE	N
be made or used in industry.	e 33(4), and thus meet industrial applicability b	ecause the subject matter claims
be made or used in industry.	e 33(4), and thus meet industrial applicability b	ecause the subject matter claim
be made or used in industry.	e 33(4), and thus meet industrial applicability b	ecause the subject matter claim
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be made or used in industry.	e 33(4), and thus meet industrial applicability b	ecause the subject matter claim
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